Establish Prenatal Culture (CV or AF)

**Test Code:** TA  
**Turnaround time:** (No TAT)  
**CPT Codes:** 89235 x1

### Condition Description

Cells from many different types of solid tissues may be cultured, frozen, and stored. The establishment of a cell line may be useful for future studies. This test will produce cell cultures which can then be used for additional genetic or other analyses.

### Indications

This test is indicated for:

- the establishment of fetal cell lines for current of future testing.

### Methodology

The tissue specimen is minced or enzymatically disaggregated, treated with collagenase, and placed in a tissue culture vessel with media to establish a fibroblast culture. The cultures are sub-cultured into 1 to 3 T25 tissue culture flasks or 1 to 2 T75 tissue culture flasks and frozen for future use.

### Specimen Requirements

**Type: Amniotic Fluid**

Specimen Requirements:

20-30ml fluid, discarding the first 1-2 ml. Place in 2-3 Specimen tubes. Preferred gestational age >15 weeks. Must be received in a securely closed, sterile container.

Specimen Collection and Shipping: Ship sample at room temperature for receipt at EGL within 24 hours of collection. Do not refrigerate or freeze.

**Type: Chorionic Villi**

Specimen Requirements:

Greater than or equal to 15-30 mg chorionic villi/placental tissue using sterile technique. Place in sterile tube(s) with transport media. If ordering multiple tests, 30 mg is recommended. Preferred gestational age >10-12 weeks. Must be received in a securely closed, sterile container.

Specimen Collection and Shipping: Ship sample at room temperature for receipt at EGL within 24 hours of collection. Do not refrigerate or freeze.

**Type: Tissue Biopsy**

Specimen Requirements:

Obtain 1-2 cm piece of fetal tissue and place in sterile container with EGL transport media or other sterile culture media. Use sterile dissection (no prep) for internal tissues.

Specimen Collection and Shipping: Refrigerate until time of shipment. Ship sample overnight at room temperature for receipt at EGL within 24 hours of collection.

### Special Instructions

Please call 470-378-2200 before ordering this test and ask to speak to a laboratory genetic counselor.

### Related Tests

- Maintain An Established Prenatal Culture (CV or AF)
- Tissue Culture Only
- Maintain An Established Culture (Not Prenatal)